

ABSTRACT OF THE DISCLOSURE

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A variety of security levels are provided with the novel computer security system, depending on the use and connectivity of the system. On individual computer systems, the primary functions are to control user access to the computer (password, biometric scanning, etc.) and to maintain data security and integrity (embedded encryption and maintaining data and copies encrypted). Computers that are configured into networks utilize not only the features of an individual computer but can be further enhanced by adding communications security. When the communication is effected through the Internet, another level of security is added that allows normal non-encrypted communications with computers or servers that do not utilize the novel security system. Within the novel system there are both software and hardware features that guard against security breaches, depending on the level of security desired.

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